

Abstract of the Disclosure

Diversified user interfacing environment is provided in a time-based billing VOD system. Also disclosed is a database apparatus for providing the diversified user interfacing environment. A data processing method for transmitting video movie data having a plurality of frames from a server of a video movie provider to a user terminal in response to a request of the user in a VOD (Video-On-Demand) system, comprises the steps of: (a) determining whether the user is an authorized member; (b) if the user is the authorized member, transmitting information for movie selection to the user terminal; (c) when the user selects a particular movie, transmitting data for a play screen on which the user can operate the frames of the movie remotely and recording the time at which the data for the play screen is transmitted as a login time; (d) setting a value of a frame counter that counts the number of the currently transmitted frame as an initial value; and (e) when the user selects one of buttons including a play button, a stop button, a rewind button and a fast forward button, performing the function corresponding to the selected button.